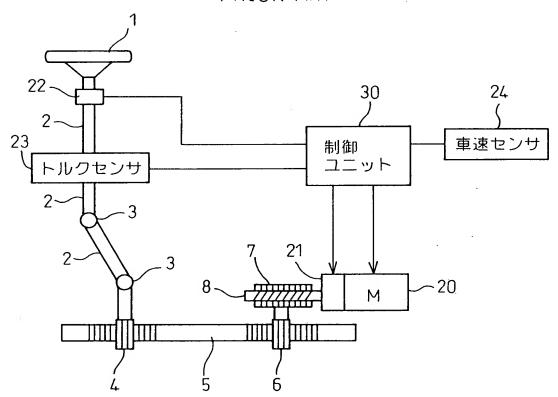
Attorney: D. Bruce Prout
Docket No.: 51507/DBP/A400
Inventor(s): Hiroshi Moriguchi
Title: METHOD FOR DETERMINING WHETHER
OR NOT WHEELS ARE LOCKED

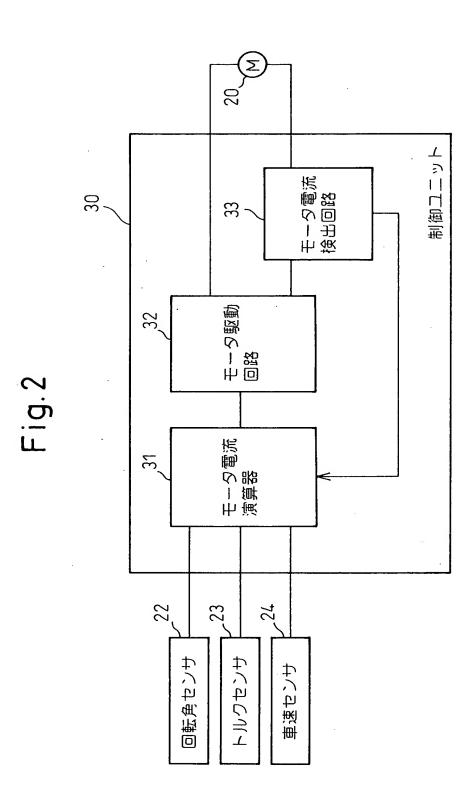
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Fig.1
PRIOR ART



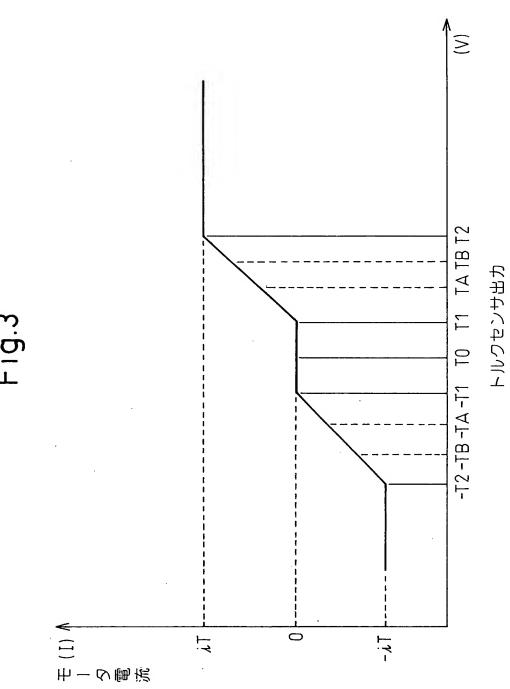
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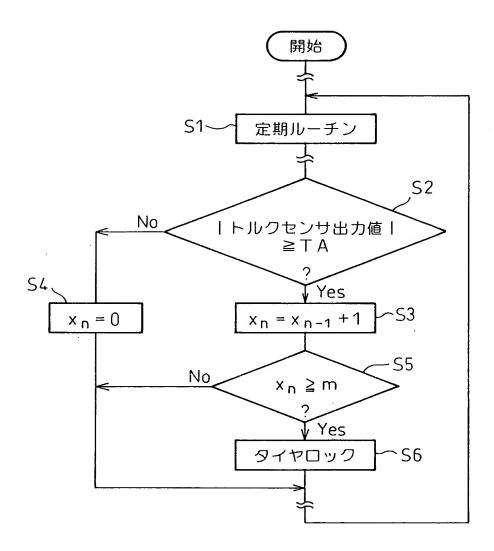






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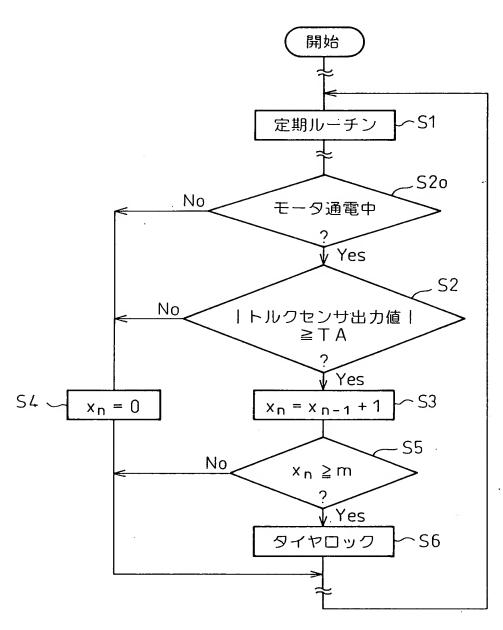
Fig.4



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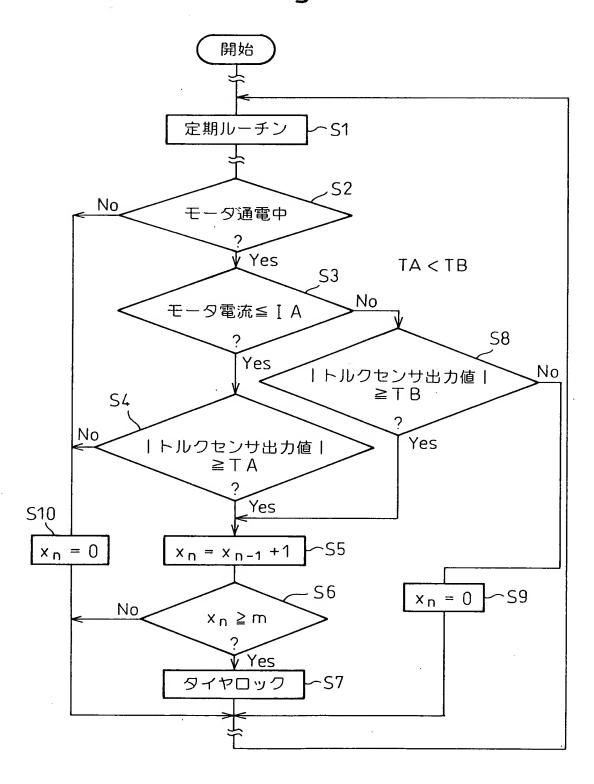
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Fig.5



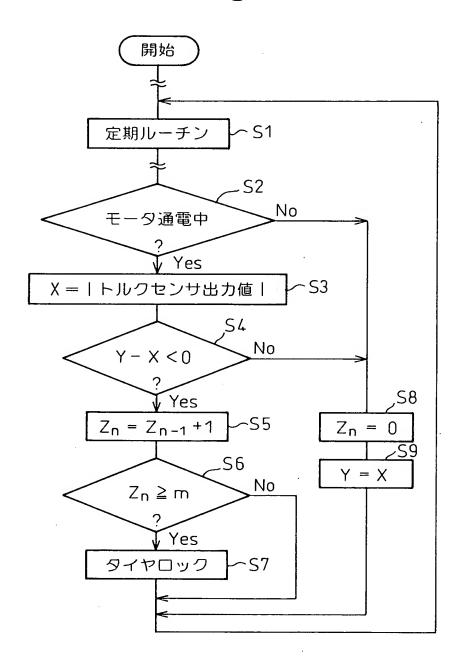
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Fig.6



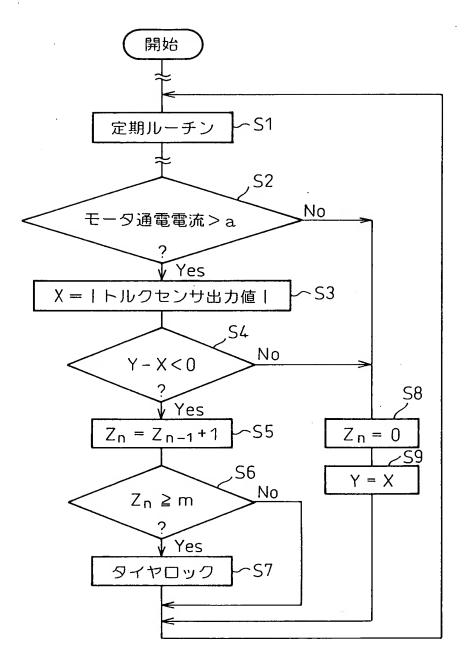
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Fig.7



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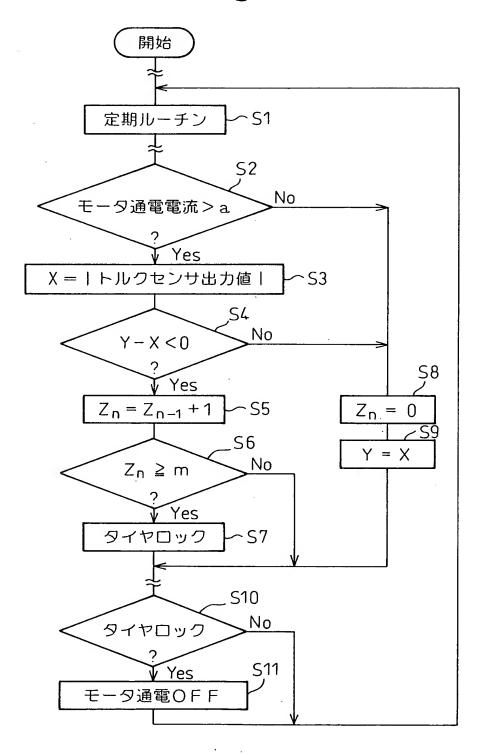
Fig.8



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Inventor(s): Hiroshi Moriguchi
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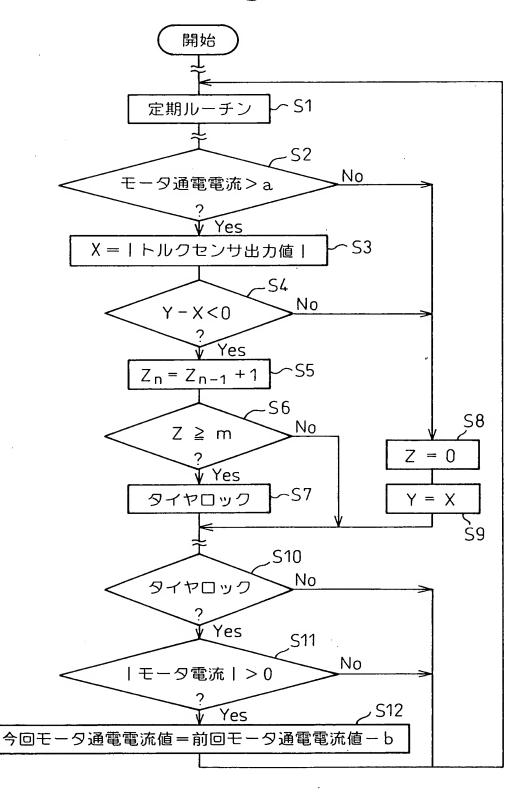
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Fig.9



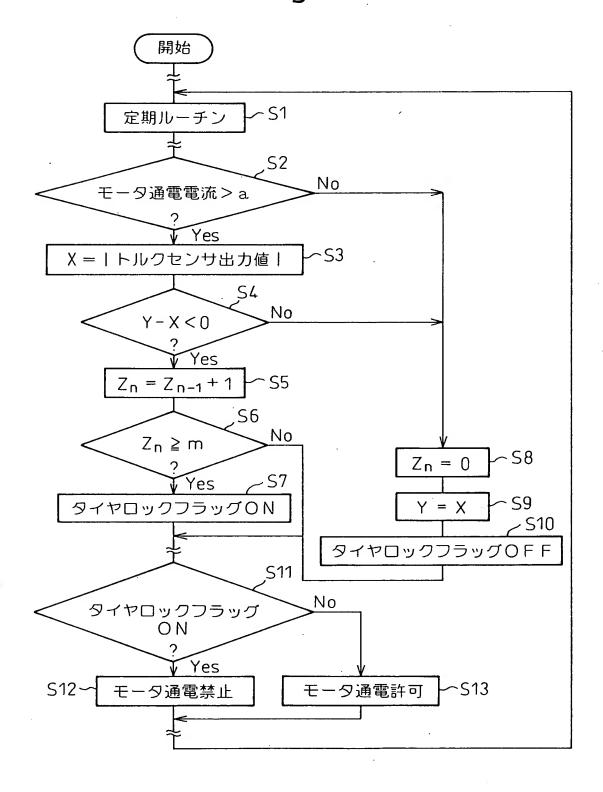
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Fig.10



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Fig.11

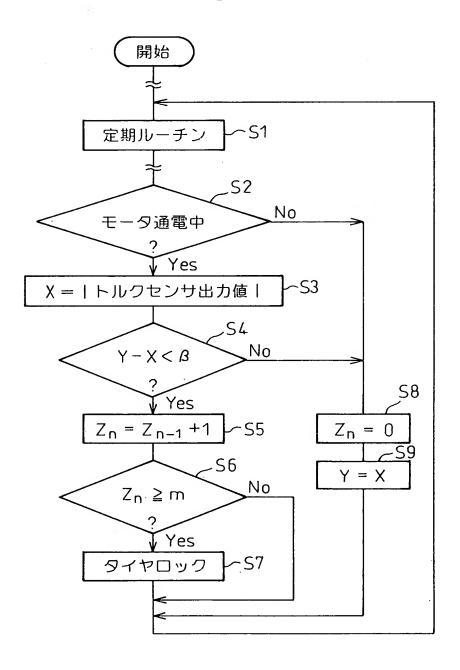


Attorney: D. Bruce Prout Docket No.: 51507/DBP/A400 Inventor(s): Hiroshi Moriguchi Title: METHOD FOR DETERMINING WHETHER OR NOT WHEELS ARE LOCKED Sheet 12 of 14 12/14 Fig.12 開始 **-S1** 定期ルーチン S2 No モータ通電電流>a Yes X=|トルクセンサ出力値| · S3 **S**4 No A - X < 0·S8  $Z_n = 0$ Yes S5  $Z_n = Z_{n-1} + 1$ · S9 Y = XS6 No S10  $Z_n \ge m$ タイヤロック Yes S12 フラッグON ·S7 V Yes モータ通電許可 タイヤロックフラッグON フラッグON No タイヤロックフラッグOFF S13 S15 タイヤロック フラッグON No モータ通電 No 許可フラッグON JS14 Yes Yes 今回モータ通電電流値= -S16 モータ通電許可フラッグOFF 前回モータ通電電流値-b S17 今回モータ通電電流値=前回モータ通電電流値+b

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Fig.13



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Fig.14

